

## EAST Search History

| Ref # | Hits  | Search Query                                                                     | DBs                                                     | Default Operator | Plurals | Time Stamp       |
|-------|-------|----------------------------------------------------------------------------------|---------------------------------------------------------|------------------|---------|------------------|
| L1    | 135   | updat\$4 with multicast with message and @ad<="20011210"                         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/02/15 17:34 |
| L2    | 0     | (updat\$4 with multicast with message with push) and @ad<="20011210"             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/02/15 17:34 |
| L3    | 0     | (updat\$4 with multicast with message) same push and @ad<="20011210"             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/02/15 17:34 |
| L4    | 5     | (updat\$4 with multicast with message) and push and @ad<="20011210"              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/02/15 17:34 |
| S1    | 10791 | (709/200,213,217,218,219,221,232,240).CCLS.                                      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/08/24 09:01 |
| S2    | 48    | (updat\$4) same (priority) same push and @ad<="20011210"                         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/08/22 17:39 |
| S4    | 9     | S1 and S2                                                                        | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/08/22 17:37 |
| S5    | 652   | (updat\$4) same (virus or anti\$virus or Trojans or malware) and @ad<="20011210" | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/08/22 17:40 |
| S6    | 2     | ("6202153").PN.                                                                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/08/22 17:40 |

## EAST Search History

|     |      |                                                                                  |                                                         |    |    |                  |
|-----|------|----------------------------------------------------------------------------------|---------------------------------------------------------|----|----|------------------|
| S7  | 3131 | (norton or mcafee).as.                                                           | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/22 17:43 |
| S8  | 0    | S5 and S7                                                                        | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/22 17:42 |
| S9  | 5    | S7 and updat\$4 and<br>@ad<="20011210"                                           | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/22 17:43 |
| S10 | 260  | (symantec or mcafee).as.                                                         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/22 17:55 |
| S11 | 71   | S10 and updat\$4 and<br>@ad<="20011210"                                          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/22 17:44 |
| S12 | 16   | S10 and updat\$4 same (anti\$virus<br>or virus) and @ad<="20011210"              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/22 17:50 |
| S13 | 7074 | priority same updat\$4 and<br>@ad<="20011210"                                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/22 17:50 |
| S14 | 3317 | priority with updat\$4 and<br>@ad<="20011210"                                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/22 17:50 |
| S15 | 762  | (priority with updat\$4).ab. and<br>@ad<="20011210"                              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/22 17:51 |
| S16 | 0    | (priority with updat\$4 same<br>(antivirus or virus)).ab. and<br>@ad<="20011210" | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/22 17:51 |

## EAST Search History

|     |       |                                                                             |                                                         |    |    |                  |
|-----|-------|-----------------------------------------------------------------------------|---------------------------------------------------------|----|----|------------------|
| S17 | 4     | (priority with updat\$4 same (antivirus or virus)) and @ad<="20011210"      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/22 17:54 |
| S18 | 8219  | (download\$4 or updat\$4) same priorit\$4 and @ad<="20011210"               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/22 17:55 |
| S19 | 3831  | (download\$4 or updat\$4) with priorit\$4 and @ad<="20011210"               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/22 17:55 |
| S20 | 13    | (download\$4 or updat\$4) with priorit\$4 adj2 computer and @ad<="20011210" | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/22 17:55 |
| S21 | 13    | S20 not S17                                                                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/22 17:56 |
| S22 | 10959 | (symantec or netowrk associate).as.                                         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/22 17:56 |
| S23 | 38538 | (symantec or network associate).as.                                         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/22 17:56 |
| S24 | 413   | (symantec or "network associate").as.                                       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/22 17:56 |
| S25 | 13    | S20 not "network associate"" .as" and @ad<="20011210"                       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/23 11:22 |
| S26 | 3115  | (assign\$4) with priority with level and @ad<="20011210"                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/23 11:23 |

## EAST Search History

|     |      |                                                                                   |                                                         |    |    |                  |
|-----|------|-----------------------------------------------------------------------------------|---------------------------------------------------------|----|----|------------------|
| S27 | 1295 | (assign\$4) adj2 priority adj2 level and @ad<="20011210"                          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/23 11:23 |
| S28 | 3    | (assign\$4) adj2 priority adj2 level and push with updat\$4 and @ad<="20011210"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/23 11:25 |
| S29 | 57   | (assign\$4) adj2 priority adj2 level with computer and @ad<="20011210"            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/23 11:34 |
| S30 | 228  | ((assign\$4) adj2 priority adj2 level).ab. and @ad<="20011210"                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/23 11:34 |
| S31 | 41   | ((assign\$4) adj2 priority adj2 level).ab. and updat\$4 and @ad<="20011210"       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/23 11:50 |
| S32 | 39   | S31 not S29                                                                       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/23 11:35 |
| S33 | 0    | ((assign\$4) adj2 priority adj2 computer\$2).ab. and updat\$4 and @ad<="20011210" | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/23 11:50 |
| S34 | 7    | ((assign\$4) adj2 priority adj2 computer\$2).ab. and @ad<="20011210"              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/23 11:53 |
| S35 | 32   | ((assign\$4) adj2 priority adj2 computer\$2) and @ad<="20011210"                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/23 11:53 |
| S36 | 25   | S35 not S34                                                                       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/23 11:53 |

## EAST Search History

|     |      |                                                                                                              |                                                         |    |    |                  |
|-----|------|--------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|----|----|------------------|
| S37 | 8694 | (assign or set) adj2 (priority) and @ad<="20011210"                                                          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/24 09:02 |
| S38 | 70   | (assign or set) adj2 (priority) near2 computers and @ad<="20011210"                                          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/24 09:05 |
| S39 | 28   | (updat\$4) adj2 (many or multiple or several) adj3 computer and @ad<="20011210"                              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/24 09:09 |
| S40 | 4    | (updat\$4) adj2 (many or multiple or several) adj3 computer same (broadcast or multicast)and @ad<="20011210" | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/24 09:06 |
| S41 | 4727 | (updat\$4 or patch) adj3 computer and @ad<="20011210"                                                        | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/24 09:09 |
| S42 | 13   | push with (updat\$4 or patch) adj3 computer and @ad<="20011210"                                              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/24 09:10 |
| S43 | 13   | S42 not S39                                                                                                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/24 10:16 |
| S44 | 50   | (set) near2 priority near2 computers and @ad<="20011210"                                                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/24 10:18 |
| S45 | 5142 | (assign with priority) and @ad<="20011210"                                                                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/09 09:13 |
| S46 | 6164 | (assign same priority) and @ad<="20011210"                                                                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/09 09:13 |

## EAST Search History

|     |       |                                                                               |                                                         |    |    |                  |
|-----|-------|-------------------------------------------------------------------------------|---------------------------------------------------------|----|----|------------------|
| S47 | 3541  | (assign near2 priority) and @ad<="20011210"                                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/09 09:13 |
| S48 | 55    | (assign near2 priority near2 computer) and @ad<="20011210"                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/09 10:43 |
| S49 | 3     | (assign near2 priority near2 computer).ab. and @ad<="20011210"                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/09 09:14 |
| S50 | 24475 | (split or divide or break) with group and @ad<="20011210"                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/09 10:44 |
| S51 | 281   | (split or divide or break) with group with computer and @ad<="20011210"       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/09 10:44 |
| S52 | 245   | (split or divide) with group with computer and @ad<="20011210"                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/09 10:44 |
| S53 | 37    | ((split or divide) with group with computer).ab. and @ad<="20011210"          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/09 10:46 |
| S54 | 2243  | (send\$4 or transmit\$4) with timeout and @ad<="20011210"                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/09 10:47 |
| S55 | 24    | (send\$4 or transmit\$4) with update with timeout and @ad<="20011210"         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/09 10:48 |
| S56 | 7     | (re\$send\$4 or re\$transmit\$4) with update with timeout and @ad<="20011210" | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/09 10:49 |

## EAST Search History

|     |      |                                                                                                                                                                                               |                                                         |    |     |                  |
|-----|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|----|-----|------------------|
| S57 | 118  | (re\$send\$4 or re\$transmit\$4) with (update or information or data) with timeout and @ad<="20011210"                                                                                        | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/09/09 10:50 |
| S58 | 111  | S57 not S56                                                                                                                                                                                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/09/09 10:56 |
| S59 | 2    | (re\$send\$4 or re\$transmit\$4) with (update or information or data) with timeout and (alert adj2 message) and @ad<="20011210"                                                               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/09/09 10:50 |
| S60 | 7    | (re\$send\$4 or re\$transmit\$4) with (update or information or data) with timeout and ((alert adj2 message) or (fail\$4 adj3 transmission)) and @ad<="20011210"                              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/09/09 11:13 |
| S61 | 7    | (re\$send\$4 or re\$transmit\$4) with (update or information or data) with timeout and ((alert adj2 message) or (fail\$4 adj3 transmission) or (incomplete adj3 message)) and @ad<="20011210" | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/09/09 10:55 |
| S62 | 118  | (re\$send\$4 or re\$transmit\$4) with (update or information or data) with timeout and @ad<="20011210"                                                                                        | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/09/09 10:58 |
| S63 | 109  | S58 not (S59 and S60)                                                                                                                                                                         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/09/09 10:57 |
| S64 | 1499 | (714/38).CCLS.                                                                                                                                                                                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/09/09 10:57 |
| S65 | 0    | S64 and S63                                                                                                                                                                                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/09/09 10:57 |

## EAST Search History

|     |       |                                                                                                              |                                                         |    |    |                  |
|-----|-------|--------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|----|----|------------------|
| S66 | 11    | ((re\$send\$4 or re\$transmit\$4) with (update or information or data) with timeout).ab. and @ad<="20011210" | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/09 10:58 |
| S67 | 3427  | (fail\$4 adj2 transmission) and @ad<="20011210"                                                              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/09 11:13 |
| S68 | 52    | (fail\$4 adj2 transmission) with ((alert or fail\$4) adj2 message) and @ad<="20011210"                       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/09 11:26 |
| S69 | 10679 | (spit\$4 or chang\$4 or re\$group) adj2 (computer or group) and @ad<="20011210"                              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/09 11:27 |
| S70 | 24    | ( re\$group) adj2 (computer or group) and @ad<="20011210"                                                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/09 11:28 |
| S71 | 2890  | ( split\$4) adj2 (computer or group) and @ad<="20011210"                                                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/09 11:28 |
| S72 | 452   | (( split\$4) adj2 (computer or group)).ab. and @ad<="20011210"                                               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/09 11:28 |
| S73 | 3     | ((split\$4) adj2 (computer or group) same threshold).ab. and @ad<="20011210"                                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/09 11:29 |
| S74 | 309   | ((split\$4) adj2 (computer or group) and threshold) and @ad<="20011210"                                      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/09 11:29 |
| S75 | 82    | ((split\$4) adj2 (computer or group) and threshold adj2 value) and @ad<="20011210"                           | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/09 11:29 |